

CHAPTER 85

ELECTRICAL MACHINERY AND EQUIPMENT AND PARTS THEREOF; SOUND RECORDERS AND REPRODUCERS, TELEVISION IMAGE AND SOUND RECORDERS AND REPRODUCERS, AND PARTS AND ACCESSORIES OF SUCH ARTICLES

Notes

1. This chapter does not cover:
 - (a) electrically warmed blankets, bed pads, foot-muffs or the like; electrically warmed clothing, footwear or ear pads or other electrically warmed articles worn on or about the person;
 - (b) articles of glass of heading No 7011; or
 - (c) electrically heated furniture of Chapter 94.
2. Heading Nos 8501 to 8504 do not apply to goods described in heading No 8511, 8512, 8540, 8541 or 8542.
However, metal tank mercury arc rectifiers remain classified in heading No 8504.
3. Heading No 8509 covers only the following electro-mechanical machines of the kind commonly used for domestic purposes:
 - (a) vacuum cleaners, floor polishers, food grinders and mixers, and fruit or vegetable juice extractors, of any weight;
 - (b) other machines provided the weight of such machines does not exceed 20 kg.The heading does not, however, apply to fans or ventilating or recycling hoods incorporating a fan, whether or not fitted with filters (heading No 8414), centrifugal clothes-dryers (heading No 8421), dish washing machines (heading No 8422), household washing machines (heading No 8450), roller or other ironing machines (heading No 8420 or 8451), sewing machines (heading No 8452), electric scissors (heading No 8508) or to electrothermic appliances (heading No 8516).
4. For the purposes of heading No 8534, 'printed circuits' are circuits obtained by forming on an insulating base, by any printing process (for example, embossing, plating-up, etching) or by the 'film circuit' technique, conductor elements, contacts or other printed components (for example, inductances, resistors, capacitors) alone or interconnected according to a pre-established pattern, other than elements which can produce, rectify, modulate or amplify an electrical signal (for example, semiconductor elements).

The expression 'printed circuits' does not cover circuits combined with elements other than those obtained during the printing process, nor does it cover individual, discrete resistors, capacitors or inductances. Printed circuits may, however, be fitted with non-printed connecting elements.

Thin- or thick-film circuits comprising passive and active elements obtained during the same technological process are to be classified in heading No 8542.

5. For the purposes of heading Nos 8541 and 8542:
 - (A) 'Diodes, transistors and similar semiconductor devices' are semiconductor devices the operation of which depends on variations in resistivity on the application of an electric field.
 - (B) 'Electronic integrated circuits and microassemblies' are:
 - (a) monolithic integrated circuits in which the circuit elements (diodes, transistors, resistors, capacitors, interconnections, etc.) are created in the mass (essentially) and on the surface of a semiconductor material (doped silicon, for example) and are inseparably associated;
 - (b) hybrid integrated circuits in which passive elements (resistors, capacitors, interconnections, etc.), obtained by thin- or thick-film technology, and active elements (diodes, transistors, monolithic integrated circuits, etc.), obtained by semiconductor technology, are combined to all intents and purposes indivisibly, on a single insulating substrate (glass, ceramic, etc.). These circuits may also include discrete components;
 - (c) microassemblies of the moulded module, micromodule or similar types, consisting of discrete, active or both active and passive, components which are combined and interconnected.

For the classification of the articles defined in this note, heading Nos 8541 and 8542 shall take precedence over any other heading in the nomenclature which might cover them by reference to, in particular, their function.

6. Records, tapes and other media of heading No 8523 or 8524 remain classified in those headings, whether or not they are presented with the apparatus for which they are intended.
7. For the purposes of heading No 8548, 'spent primary cells, spent primary batteries and spent electric accumulators' are those which are neither usable as such because of breakage, cutting-up, wear or other reasons, nor capable of being recharged.

Subheading note

1. Subheadings 8519 92 and 8527 12 cover only cassette-players with built-in amplifier, without built-in loudspeaker, capable of operating without an external source of electric power and the dimensions of which do not exceed 170 mm × 100 mm × 45 mm.

Additional notes

1. *Subheadings 8519 10, 8519 21, 8519 29, 8519 31 and 8519 39 are to be taken not to apply to sound reproducing apparatus with laser reading system, which fall within subheading 8519 99 12 or 8519 99 18.*
2. *Subheading note 1 is applicable mutatis mutandis to subheadings 8520 32 30 and 8520 33 30.*

CN code	Description	Rate of duty		Supplementary unit
		autonomous (%)	conventional (%)	
1	2	3	4	5
8501	Electric motors and generators (excluding generating sets):			
8501 10	– Motors of an output not exceeding 37,5 W:			
8501 10 10	– – Synchronous motors of an output not exceeding 18 W	14	4,7	p/st
	– – Other:			
8501 10 91	– – – Universal AC/DC motors	12	2,7	p/st
8501 10 93	– – – AC motors	12	2,7	p/st
8501 10 99	– – – DC motors	12	2,7	p/st
8501 20	– Universal AC/DC motors of an output exceeding 37,5 W:			
8501 20 10	– – Of an output exceeding 735 W but not exceeding 150 kW, for use in civil aircraft ⁽¹⁾	12	Free	p/st
8501 20 90	– – Other	12	2,7	p/st
	– Other DC motors; DC generators:			
8501 31	– – Of an output not exceeding 750 W:			
8501 31 10	– – – Motors of an output exceeding 735 W, DC generators, for use in civil aircraft ⁽¹⁾	12	Free	p/st
8501 31 90	– – – Other	12	2,7	p/st
8501 32	– – Of an output exceeding 750 W but not exceeding 75 kW:			
8501 32 10	– – – For use in civil aircraft ⁽¹⁾	12	Free	p/st
	– – – Other:			
8501 32 91	– – – – Of an output exceeding 750 W but not exceeding 7,5 kW	12	2,7	p/st
8501 32 99	– – – – Of an output exceeding 7,5 kW but not exceeding 75 kW	12	2,7	p/st
8501 33	– – Of an output exceeding 75 kW but not exceeding 375 kW:			
8501 33 10	– – – Motors of an output not exceeding 150 kW and generators, for use in civil aircraft ⁽¹⁾	12	Free	p/st

⁽¹⁾ Entry under this subheading is subject to conditions laid down in the relevant Community provisions. See also Section II, paragraph B, of the preliminary provisions.

CN code	Description	Rate of duty		Supplementary unit
		autonomous (%)	conventional (%)	
1	2	3	4	5
8501 33 90	— — Other	12	2,7	p/st
8501 34	— — Of an output exceeding 375 kW:			
8501 34 10	— — — Generators for use in civil aircraft ⁽¹⁾	12	Free	p/st
	— — — Other:			
8501 34 50	— — — — Traction motors	12	2,7	p/st
	— — — — Other, of an output:			
8501 34 91	— — — — — Exceeding 375 kW but not exceeding 750 kW	12	2,7	p/st
8501 34 99	— — — — — Exceeding 750 kW	12	2,7	p/st
8501 40	— Other AC motors, single-phase:			
8501 40 10	— — Of an output exceeding 735 W but not exceeding 150 kW, for use in civil aircraft ⁽¹⁾	12	Free	p/st
	— — Other:			
8501 40 91	— — — Of an output not exceeding 750 W	12	2,7	p/st
8501 40 99	— — — Of an output exceeding 750 W	12	2,7	p/st
	— Other AC motors, multi-phase:			
8501 51	— — Of an output not exceeding 750 W:			
8501 51 10	— — — Of an output exceeding 735 W, for use in civil aircraft ⁽¹⁾	12	Free	p/st
8501 51 90	— — — Other	12	2,7	p/st
8501 52	— — Of an output exceeding 750 W but not exceeding 75 kW:			
8501 52 10	— — — For use in civil aircraft ⁽¹⁾	12	Free	p/st
	— — — Other:			
8501 52 91	— — — — Of an output exceeding 750 W but not exceeding 7,5 kW	12	2,7	p/st
8501 52 93	— — — — Of an output exceeding 7,5 kW but not exceeding 37 kW	12	2,7	p/st
8501 52 99	— — — — Of an output exceeding 37 kW but not exceeding 75 kW	12	2,7	p/st
8501 53	— — Of an output exceeding 75 kW:			
8501 53 10	— — — Of an output not exceeding 150 kW, for use in civil aircraft ⁽¹⁾	12	Free	p/st
	— — — Other:			
8501 53 50	— — — — Traction motors	12	2,7	p/st
	— — — — Other, of an output:			
8501 53 92	— — — — — Exceeding 75 kW but not exceeding 375 kW	12	2,7	p/st
8501 53 94	— — — — — Exceeding 375 kW but not exceeding 750 kW	12	2,7	p/st
8501 53 99	— — — — — Exceeding 750 kW	12	2,7	p/st
	— AC generators (alternators):			
8501 61	— — Of an output not exceeding 75 kVA:			
8501 61 10	— — — For use in civil aircraft ⁽¹⁾	12	Free	p/st

⁽¹⁾ Entry under this subheading is subject to conditions laid down in the relevant Community provisions. See also Section II, paragraph B, of the preliminary provisions.

CN code	Description	Rate of duty		Supplementary unit
		autonomous (%)	conventional (%)	
1	2	3	4	5
	— — — Other:			
8501 61 91	— — — Of an output not exceeding 7,5 kVA	12	2,7	p/st
8501 61 99	— — — Of an output exceeding 7,5 kVA but not exceeding 75 kVA	12	2,7	p/st
8501 62	— — Of an output exceeding 75 kVA but not exceeding 375 kVA:			
8501 62 10	— — — For use in civil aircraft ⁽¹⁾	12	Free	p/st
8501 62 90	— — — Other	12	2,7	p/st
8501 63	— — Of an output exceeding 375 kVA but not exceeding 750 kVA:			
8501 63 10	— — — For use in civil aircraft ⁽¹⁾	12	Free	p/st
8501 63 90	— — — Other	12	2,7	p/st
8501 64 00	— — Of an output exceeding 750 kVA	12	2,7	p/st
8502	Electric generating sets and rotary converters:			
	— Generating sets with compression-ignition internal combustion piston engines (diesel or semi-diesel engines):			
8502 11	— — Of an output not exceeding 75 kVA:			
8502 11 10	— — — For use in civil aircraft ⁽¹⁾	12	Free	p/st
	— — — Other:			
8502 11 91	— — — Of an output not exceeding 7,5 kVA	12	2,7	p/st
8502 11 99	— — — Of an output exceeding 7,5 kVA but not exceeding 75 kVA	12	2,7	p/st
8502 12	— — Of an output exceeding 75 kVA but not exceeding 375 kVA:			
8502 12 10	— — — For use in civil aircraft ⁽¹⁾	12	Free	p/st
8502 12 90	— — — Other	12	2,7	p/st
8502 13	— — Of an output exceeding 375 kVA:			
8502 13 10	— — — For use in civil aircraft ⁽¹⁾	12	Free	p/st
	— — — Other:			
8502 13 91	— — — Of an output exceeding 375 kVA but not exceeding 750 kVA	12	2,7	p/st
8502 13 93	— — — Of an output exceeding 750 kVA but not exceeding 2 000 kVA	12	2,7	p/st
8502 13 98	— — — Of an output exceeding 2 000 kVA	12	2,7	p/st
8502 20	— Generating sets with spark-ignition internal combustion piston engines:			
8502 20 10	— — For use in civil aircraft ⁽¹⁾	12	Free	p/st
	— — Other:			
8502 20 91	— — — Of an output not exceeding 7,5 kVA	12	2,7	p/st
8502 20 92	— — — Of an output exceeding 7,5 kVA but not exceeding 375 kVA	12	2,7	p/st
8502 20 94	— — — Of an output exceeding 375 kVA but not exceeding 750 kVA	12	2,7	p/st
8502 20 98	— — — Of an output exceeding 750 kVA	12	2,7	p/st

⁽¹⁾ Entry under this subheading is subject to conditions laid down in the relevant Community provisions. See also Section II, paragraph B, of the preliminary provisions.

CN code	Description	Rate of duty		Supplementary unit
		autonomous (%)	conventional (%)	
1	2	3	4	5
	– Other generating sets:			
8502 31 00	– – Wind-powered	12	2,7	p/st
8502 39	– – Other:			
8502 39 10	– – – For use in civil aircraft (1)	12	Free	p/st
	– – – Other:			
8502 39 91	– – – – Turbo-generators	12	2,7	p/st
8502 39 99	– – – – Other	12	2,7	p/st
8502 40	– Electric rotary converters:			
8502 40 10	– – For use in civil aircraft (1)	12	Free	p/st
8502 40 90	– – Other	12	2,7	p/st
8503 00	Parts suitable for use solely or principally with the machines of heading No 8501 or 8502:			
8503 00 10	– Non-magnetic retaining rings	15	2,7	—
	– Other:			
8503 00 91	– – Of cast iron or cast steel	15	2,7	—
8503 00 99	– – Other	15	2,7	—
8504	Electrical transformers, static converters (for example, rectifiers) and inductors:			
8504 10	– Ballasts for discharge lamps or tubes:			
8504 10 10	– – For use in civil aircraft (1)	12	Free	p/st
	– – Other:			
8504 10 91	– – – Inductors, whether or not connected with a capacitor	16	3,7	p/st
8504 10 99	– – – Other	16	3,7	p/st
	– Liquid dielectric transformers:			
8504 21 00	– – Having a power handling capacity not exceeding 650 kVA	16	3,7	p/st
8504 22	– – Having a power handling capacity exceeding 650 kVA but not exceeding 10 000 kVA:			
8504 22 10	– – – Exceeding 650 kVA but not exceeding 1 600 kVA	16	3,7	p/st
8504 22 90	– – – Exceeding 1 600 kVA but not exceeding 10 000 kVA	16	3,7	p/st
8504 23 00	– – Having a power handling capacity exceeding 10 000 kVA	16	3,7	p/st
	– Other transformers:			
8504 31	– – Having a power handling capacity not exceeding 1 kVA:			
8504 31 10	– – – For use in civil aircraft (1)	12	Free	p/st
	– – – Other:			
	– – – – Measuring transformers:			
8504 31 31	– – – – – For voltage measurement	16	3,7	p/st
8504 31 39	– – – – – Other	16	3,7	p/st

(1) Entry under this subheading is subject to conditions laid down in the relevant Community provisions. See also Section II, paragraph B, of the preliminary provisions.

CN code	Description	Rate of duty		Supplementary unit
		autonomous (%)	conventional (%)	
1	2	3	4	5
8504 31 90	- - - - Other	16	3,7	p/st
8504 32	- - Having a power handling capacity exceeding 1 kVA but not exceeding 16 kVA:			
8504 32 10	- - - For use in civil aircraft (1)	12	Free	p/st
	- - - Other:			
8504 32 30	- - - Measuring transformers	16	3,7	p/st
8504 32 90	- - - Other	16	3,7	p/st
8504 33	- - Having a power handling capacity exceeding 16 kVA but not exceeding 500 kVA:			
8504 33 10	- - - For use in civil aircraft (1)	12	Free	p/st
8504 33 90	- - - Other	16	3,7	p/st
8504 34 00	- - Having a power handling capacity exceeding 500 kVA	16	3,7	p/st
8504 40	- Static converters:			
8504 40 10	- - For use in civil aircraft (1)	12	Free	p/st
	- - Other:			
8504 40 20	- - - Of a kind used with telecommunication apparatus, automatic data processing machines and units thereof	11	Free	p/st
8504 40 35	- - - Other	Free	Free	p/st
	- - - Other:			
8504 40 50	- - - Polycrystalline semiconductor rectifiers	16	3,3	p/st
	- - - Other:			
8504 40 93	- - - - Accumulator chargers	16	3,3	p/st
	- - - - Other:			
8504 40 94	- - - - - Rectifiers	16	3,3	—
	- - - - - Inverters:			
8504 40 96	- - - - - Having a power handling capacity not exceeding 7,5 kVA	16	3,3	—
8504 40 97	- - - - - Having a power handling capacity exceeding 7,5 kVA	16	3,3	—
8504 40 99	- - - - - Other	16	3,3	—
8504 50	- Other inductors:			
8504 50 10	- - For use in civil aircraft (1)	12	Free	p/st
	- - Other:			
8504 50 30	- - - Of a kind used with telecommunication apparatus and for power supplies for automatic data processing machines and units thereof	16	Free	—
8504 50 80	- - - Other	16	3,7	—
8504 90	- Parts:			
	- - Of transformers and inductors:			
8504 90 05	- - - Electronic assemblies of machines of subheading 8504 50 30	15	Free	—
	- - - Other:			
8504 90 11	- - - - Ferrite cores	15	2,2	—
8504 90 18	- - - - Other	15	2,2	—

(1) Entry under this subheading is subject to conditions laid down in the relevant Community provisions. See also Section II, paragraph B, of the preliminary provisions.

CN code	Description	Rate of duty		Supplementary unit
		autonomous (%)	conventional (%)	
1	2	3	4	5
	– – Of static converters:			
8504 90 91	– – – Electronic assemblies of machines of subheading 8504 40 20	15	Free	—
8504 90 99	– – – Other	15	2,2	—
8505	Electro-magnets; permanent magnets and articles intended to become permanent magnets after magnetization; electro-magnetic or permanent magnet chucks, clamps and similar holding devices; electro-magnetic couplings, clutches and brakes; electro-magnetic lifting heads:			
	– Permanent magnets and articles intended to become permanent magnets after magnetization:			
8505 11 00	– – Of metal	15	2,2	—
8505 19	– – Other:			
8505 19 10	– – – Permanent magnets of agglomerated ferrite	15	2,2	—
8505 19 90	– – – Other	15	2,2	—
8505 20 00	– Electro-magnetic couplings, clutches and brakes	15	2,2	—
8505 30 00	– Electro-magnetic lifting heads	15	2,2	—
8505 90	– Other, including parts:			
8505 90 10	– – Electro-magnets	15	1,8	—
8505 90 30	– – Electro-magnetic or permanent magnet chucks, clamps and similar holding devices	15	1,8	—
8505 90 90	– – Parts	15	1,8	—
8506	Primary cells and primary batteries:			
8506 10	– Manganese dioxide:			
	– – Alkaline:			
8506 10 11	– – – Cylindrical cells	20	4,7	p/st
8506 10 15	– – – Button cells	20	4,7	p/st
8506 10 19	– – – Other	20	4,7	p/st
	– – Other:			
8506 10 91	– – – Cylindrical cells	20	4,7	p/st
8506 10 95	– – – Button cells	20	4,7	p/st
8506 10 99	– – – Other	20	4,7	p/st
8506 30	– Mercuric oxide:			
8506 30 10	– – Cylindrical cells	20	4,7	p/st
8506 30 30	– – Button cells	20	4,7	p/st
8506 30 90	– – Other	20	4,7	p/st
8506 40	– Silver oxide:			
8506 40 10	– – Cylindrical cells	20	4,7	p/st
8506 40 30	– – Button cells	20	4,7	p/st
8506 40 90	– – Other	20	4,7	p/st

CN code	Description	Rate of duty		Supplementary unit
		autonomous (%)	conventional (%)	
1	2	3	4	5
8506 50	– Lithium:			
8506 50 10	– – Cylindrical cells	20	4,7	p/st
8506 50 30	– – Button cells	20	4,7	p/st
8506 50 90	– – Other	20	4,7	p/st
8506 60	– Air-zinc:			
8506 60 10	– – Cylindrical cells	20	4,7	p/st
8506 60 30	– – Button cells	20	4,7	p/st
8506 60 90	– – Other	20	4,7	p/st
8506 80	– Other:			
8506 80 05	– – Dry zinc-carbon batteries of a voltage of 5,5 V or more but not exceeding 6,5 V	20	Free	p/st
	– – Other:			
8506 80 11	– – – Cylindrical cells	20	4,7	p/st
8506 80 15	– – – Button cells	20	4,7	p/st
8506 80 90	– – – Other	20	4,7	p/st
8506 90 00	– Parts	20	4,7	—
8507	Electric accumulators, including separators therefor, whether or not rectangular (including square):			
8507 10	– Lead-acid, of a kind used for starting piston engines:			
8507 10 10	– – For use in civil aircraft (¹)	20	Free	p/st
	– – Other:			
	– – – Of a weight not exceeding 5 kg:			
8507 10 31	– – – – Working with liquid electrolyte	20	3,7	p/st
8507 10 39	– – – – Other	20	3,7	p/st
	– – – – Of a weight exceeding 5 kg:			
8507 10 81	– – – – – Working with liquid electrolyte	20	3,7	p/st
8507 10 89	– – – – Other	20	3,7	p/st
8507 20	– Other lead-acid accumulators:			
8507 20 10	– – For use in civil aircraft (¹)	20	Free	p/st
	– – Other:			
	– – – Traction accumulators:			
8507 20 31	– – – – Working with liquid electrolyte	20	3,7	ce/el
8507 20 39	– – – – Other	20	3,7	ce/el
	– – – Other:			
8507 20 81	– – – – Working with liquid electrolyte	20	3,7	ce/el
8507 20 89	– – – – Other	20	3,7	ce/el

(¹) Entry under this subheading is subject to conditions laid down in the relevant Community provisions. See also Section II, paragraph B, of the preliminary provisions.

CN code	Description	Rate of duty		Supplementary unit
		autonomous (%)	conventional (%)	
1	2	3	4	5
8507 30	– Nickel-cadmium:			
8507 30 10	– – For use in civil aircraft (¹)	20	Free	p/st
	– – Other:			
8507 30 91	– – – Hermetically sealed	17	2,6	p/st
	– – – Other:			
8507 30 93	– – – – Traction accumulators	17	2,6	ce/el
8507 30 98	– – – – Other	17	2,6	ce/el
8507 40	– Nickel-iron:			
8507 40 10	– – For use in civil aircraft (¹)	20	Free	p/st
8507 40 90	– – Other	17	2,7	p/st
8507 80	– Other accumulators:			
8507 80 10	– – For use in civil aircraft (¹)	20	Free	p/st
	– – Other:			
8507 80 91	– – – Nickel-hydride	17	2,7	p/st
8507 80 99	– – – Other	17	2,7	p/st
8507 90	– Parts:			
8507 90 10	– – For use in civil aircraft (¹)	20	Free	—
	– – Other:			
8507 90 91	– – – Plates for accumulators	17	2,7	—
8507 90 93	– – – Separators	17	2,7	—
8507 90 98	– – – Other	17	2,7	—
8508	Electro-mechanical tools for working in the hand, with self-contained electric motor:			
8508 10	– Drills of all kinds:			
8508 10 10	– – Capable of operation without an external source of power	14	2,7	p/st
	– – Other:			
8508 10 91	– – – Electropneumatic	14	2,7	p/st
8508 10 99	– – – Other	14	2,7	p/st
8508 20	– Saws:			
8508 20 10	– – Chainsaws	14	2,7	p/st
8508 20 30	– – Circular saws	14	2,7	p/st
8508 20 90	– – Other	14	2,7	p/st
8508 80	– Other tools:			
8508 80 10	– – Of a kind used for working textile materials	14	2,7	—
	– – Other:			
8508 80 30	– – – Capable of operation without an external source of power	14	2,7	p/st

(¹) Entry under this subheading is subject to conditions laid down in the relevant Community provisions. See also Section II, paragraph B, of the preliminary provisions.

CN code	Description	Rate of duty		Supplementary unit
		autonomous (%)	conventional (%)	
1	2	3	4	5
	— — — Other:			
	— — — Grinders and sanders:			
8508 80 51	— — — — Angle grinders	14	2,7	p/st
8508 80 53	— — — — Belt sanders	14	2,7	p/st
8508 80 59	— — — — Other	14	2,7	p/st
8508 80 70	— — — Planers	14	2,7	p/st
8508 80 80	— — — Hedge trimmers and lawn edge cutters	14	2,7	p/st
8508 80 90	— — — Other	14	2,7	p/st
8508 90 00	— Parts	14	2,7	—
8509	Electro-mechanical domestic appliances, with self-contained electric motor:			
8509 10	— Vacuum cleaners:			
8509 10 10	— — For a voltage of 110 V or more	19	2,2	p/st
8509 10 90	— — For a voltage of less than 110 V	19	2,2	p/st
8509 20 00	— Floor polishers	19	2,2	p/st
8509 30 00	— Kitchen waste disposers	19	2,2	p/st
8509 40 00	— Food grinders and mixers; fruit or vegetable juice extractors	19	2,2	p/st
8509 80 00	— Other appliances	19	2,2	—
8509 90	— Parts:			
8509 90 10	— — Of vacuum cleaners or floor polishers	19	2,2	—
8509 90 90	— — Other	19	2,2	—
8510	Shavers, hair clippers and hair-removing appliances, with self-contained electric motor:			
8510 10 00	— Shavers	13	2,2	p/st
8510 20 00	— Hair clippers	14	2,2	p/st
8510 30 00	— Hair-removing appliances	19	2,2	p/st
8510 90 00	— Parts	13	2,2	—
8511	Electrical ignition or starting equipment of a kind used for spark-ignition or compression-ignition internal combustion engines (for example, ignition magnetos, magneto-dynamos, ignition coils, sparking plugs and glow plugs, starter motors); generators (for example, dynamos, alternators) and cut-outs of a kind used in conjunction with such engines:			
8511 10	— Sparking plugs:			
8511 10 10	— — For use in civil aircraft (¹)	18	Free	—
8511 10 90	— — Other	20	3,2	—

(¹) Entry under this subheading is subject to conditions laid down in the relevant Community provisions. See also Section II, paragraph B, of the preliminary provisions.

CN code	Description	Rate of duty		Supplementary unit
		autonomous (%)	conventional (%)	
1	2	3	4	5
8511 20	– Ignition magnetos; magneto-dynamos; magnetic flywheels:			
8511 20 10	– – For use in civil aircraft (¹)	18	Free	—
8511 20 90	– – Other	18	3,2	—
8511 30	– Distributors; ignition coils:			
8511 30 10	– – For use in civil aircraft (¹)	18	Free	—
8511 30 90	– – Other	20	3,2	—
8511 40	– Starter motors and dual purpose starter-generators:			
8511 40 10	– – For use in civil aircraft (¹)	18	Free	—
8511 40 90	– – Other	14	3,2	—
8511 50	– Other generators:			
8511 50 10	– – For use in civil aircraft (¹)	18	Free	—
8511 50 90	– – Other	14	3,2	—
8511 80	– Other equipment:			
8511 80 10	– – For use in civil aircraft (¹)	18	Free	—
8511 80 90	– – Other	20	3,2	—
8511 90 00	– Parts	18	3,2	—
8512	Electrical lighting or signalling equipment (excluding articles of heading No 8539), windscreens wipers, defrosters and demisters, of a kind used for cycles or motor vehicles:			
8512 10 00	– Lighting or visual signalling equipment of a kind used on bicycles	17	2,7	—
8512 20 00	– Other lighting or visual signalling equipment	17	2,7	—
8512 30 00	– Sound signalling equipment	14	2,7	—
8512 40 00	– Windscreens wipers, defrosters and demisters	15	2,7	—
8512 90 00	– Parts	15	2,7	—
8513	Portable electric lamps designed to function by their own source of energy (for example, dry batteries, accumulators, magnetos), other than lighting equipment of heading No 8512:			
8513 10 00	– Lamps	18	5,7	—
8513 90 00	– Parts	18	5,7	—
8514	Industrial or laboratory electric (including induction or dielectric) furnaces and ovens; other industrial or laboratory induction or dielectric heating equipment:			
8514 10	– Resistance heated furnaces and ovens:			
8514 10 05	– – For the manufacture of semiconductor devices on semiconductor wafers	14	Free	—

(¹) Entry under this subheading is subject to conditions laid down in the relevant Community provisions. See also Section II, paragraph B, of the preliminary provisions.

CN code	Description	Rate of duty		Supplementary unit
		autonomous (%)	conventional (%)	
1	2	3	4	5
	— Other:			
8514 10 10	— — Bakery and biscuit ovens	14	2,2	—
8514 10 80	— — Other	14	2,2	—
8514 20	— Induction or dielectric furnaces and ovens:			
8514 20 05	— — For the manufacture of semiconductor devices on semiconductor wafers	14	Free	—
	— — Other:			
8514 20 10	— — — Induction furnaces and ovens	14	2,2	—
8514 20 80	— — — Dielectric furnaces and ovens	14	2,2	—
8514 30	— Other furnaces and ovens:			
	— — Infra-red radiation ovens:			
8514 30 11	— — — For the manufacture of semiconductor devices on semiconductor wafers	14	Free	—
8514 30 19	— — — Other	14	2,2	—
	— — Other:			
8514 30 91	— — — For the manufacture of semiconductor devices on semiconductor wafers	14	Free	—
8514 30 99	— — — Other	14	2,2	—
8514 40 00	— Other induction or dielectric heating equipment	14	2,2	—
8514 90	— Parts:			
8514 90 20	— — Of machines of subheading 8514 10 05, 8514 20 05, 8514 30 11 or 8514 30 91	14	Free	—
8514 90 80	— — Other	14	2,2	—
8515	Electric (including electrically heated gas), laser or other light or photon beam, ultrasonic, electron beam, magnetic pulse or plasma arc soldering, brazing or welding machines and apparatus, whether or not capable of cutting; electric machines and apparatus for hot spraying of metals or cermets:			
	— Brazing or soldering machines and apparatus:			
8515 11 00	— — Soldering irons and guns	15	2,7	—
8515 19 00	— — Other	15	2,7	—
	— Machines and apparatus for resistance welding of metal:			
8515 21 00	— — Fully or partly automatic	15	2,7	—
8515 29	— — Other:			
8515 29 10	— — — For butt welding	15	2,7	—
8515 29 90	— — — Other	15	2,7	—
	— Machines and apparatus for arc (including plasma arc) welding of metals:			
8515 31 00	— — Fully or partly automatic	15	2,7	—

CN code	Description	Rate of duty		Supplementary unit
		autonomous (%)	conventional (%)	
1	2	3	4	5
8515 39	-- Other: -- -- For manual welding with coated electrodes, complete with welding or cutting devices, and consigned with:			
8515 39 13	Transformers	15	2,7	—
8515 39 18	Generators or rotary converters or static converters, rectifiers or rectifying apparatus	15	2,7	—
8515 39 90	Other	15	2,7	—
8515 80	Other machines and apparatus:			
8515 80 05	Wire bonders of a kind used for the manufacture of semiconductor devices	15	Free	p/st
	Other:			
	For treating metals:			
8515 80 11	For welding	15	2,7	p/st
8515 80 19	Other	15	2,7	p/st
	Other:			
8515 80 91	For resistance welding of plastics	15	2,7	p/st
8515 80 99	Other	15	2,7	p/st
8515 90	Parts:			
8515 90 10	For machines of subheading 8515 80 05	15	Free	—
8515 90 90	Other	15	2,7	—
8516	Electric instantaneous or storage water heaters and immersion heaters; electric space heating apparatus and soil heating apparatus; electro-thermic hair-dressing apparatus (for example, hair dryers, hair curlers, curling tong heaters) and hand dryers; electric smoothing irons; other electro-thermic appliances of a kind used for domestic purposes; electric heating resistors, other than those of heading No 8545:			
8516 10	Electric instantaneous or storage water heaters and immersion heaters:			
	Water heaters:			
8516 10 11	Instantaneous water heaters	20	2,7	p/st
8516 10 19	Other	20	2,7	p/st
	Immersion heaters:			
8516 10 91	Of a kind used for domestic purposes	20	2,7	p/st
8516 10 99	Other	20	2,7	p/st
	Electric space-heating apparatus and electric soil-heating apparatus:			
8516 21 00	Storage heating radiators	21	2,7	p/st
8516 29	Other:			
8516 29 10	Liquid-filled radiators	21	2,7	p/st
8516 29 50	Convection heaters	21	2,7	p/st
	Other:			
8516 29 91	With built-in fan	21	2,7	p/st
8516 29 99	Other	21	2,7	p/st

CN code	Description	Rate of duty		Supplementary unit
		autonomous (%)	conventional (%)	
1	2	3	4	5
– Electro-thermic hair-dressing or hand-drying apparatus:				
8516 31	– – Hair dryers:			
8516 31 10	– – – Drying hoods	19	2,7	p/st
8516 31 90	– – – Other	19	2,7	p/st
8516 32 00	– – Other hair-dressing apparatus	19	2,7	—
8516 33 00	– – Hand-drying apparatus	19	2,7	p/st
8516 40	– Electric smoothing irons:			
8516 40 10	– – Steam smoothing irons	20	2,7	p/st
8516 40 90	– – Other	20	2,7	p/st
8516 50 00	– Microwave ovens	19	5	p/st
8516 60 – Other ovens; cookers, cooking plates, boiling rings; grillers and roasters:				
8516 60 10	– – Cookers (incorporating at least an oven and a hob)	19	2,7	p/st
	– – Cooking plates, boiling rings and hobs:			
8516 60 51	– – – Hobs for building-in	19	2,7	p/st
8516 60 59	– – – Other	19	2,7	p/st
8516 60 70	– – Grillers and roasters	19	2,7	p/st
8516 60 80	– – Ovens for building-in	19	2,7	p/st
8516 60 90	– – Other	19	2,7	p/st
– Other electro-thermic appliances:				
8516 71 00	– – Coffee or tea makers	19	2,7	p/st
8516 72 00	– – Toasters	19	2,7	p/st
8516 79	– – Other:			
8516 79 10	– – – Plate warmers	19	2,7	p/st
8516 79 20	– – – Deep fat fryers	19	2,7	p/st
8516 79 80	– – – Other	19	2,7	p/st
8516 80	– Electric heating resistors:			
8516 80 10	– – Assembled only with a simple insulated former and electrical connections, used for anti-icing or de-icing, for use in civil aircraft (¹)	18	Free	—
	– – Other:			
8516 80 91	– – – Assembled with an insulated former	18	2,7	—
8516 80 99	– – – Other	18	2,7	—
8516 90 00	– Parts	19	2,7	—

(¹) Entry under this subheading is subject to conditions laid down in the relevant Community provisions. See also Section II, paragraph B, of the preliminary provisions.

CN code	Description	Rate of duty		Supplementary unit
		autonomous (%)	conventional (%)	
1	2	3	4	5
8517	Electrical apparatus for line telephony or line telegraphy, including line telephone sets with cordless handsets and telecommunication apparatus for carrier-current line systems or for digital line systems; videophones:			
	– Telephone sets; videophones:			
8517 11 00	– – Line telephone sets with cordless handsets	15	Free	p/st
8517 19	– – Other:			
8517 19 10	– – – Videophones	22	Free	p/st
8517 19 90	– – – Other	15	Free	—
	– Facsimile machines and teleprinters:			
8517 21 00	– – Facsimile machines	15	Free	p/st
8517 22 00	– – Teleprinters	15	Free	—
8517 30 00	– Telephonic or telegraphic switching apparatus	15	Free	—
8517 50	– Other apparatus, for carrier-current line systems or for digital line systems:			
8517 50 10	– – For carrier-current line systems	16	Free	—
8517 50 90	– – Other	15	Free	—
8517 80	– Other apparatus:			
8517 80 10	– – Entry-phone systems	15	Free	—
8517 80 90	– – Other	15	Free	—
8517 90	– Parts:			
	– – Of apparatus for carrier-current line systems of subheading 8517 50 10:			
8517 90 11	– – – Electronic assemblies	16	Free	—
8517 90 19	– – – Other	16	Free	—
	– – Other:			
8517 90 82	– – – Electronic assemblies	15	Free	—
8517 90 88	– – – Other	15	Free	—
8518	Microphones and stands therefor; loudspeakers, whether or not mounted in their enclosures; headphones, earphones and combined microphone/speaker sets; audio-frequency electric amplifiers; electric sound amplifier sets:			
	– Microphones and stands therefor:			
8518 10 10	– – For use in civil aircraft (¹)	18	Free	—
	– – Other:			
8518 10 20	– – – Microphones having a frequency range of 300 Hz to 3,4 KHz, of a diameter not exceeding 10 mm and a height not exceeding 3 mm, of a kind used for telecommunications	18	Free	—
8518 10 80	– – – Other	18	2,5	—

(¹) Entry under this subheading is subject to conditions laid down in the relevant Community provisions. See also Section II, paragraph B, of the preliminary provisions.

CN code	Description	Rate of duty		Supplementary unit
		autonomous (%)	conventional (%)	
1	2	3	4	5
	– Loudspeakers, whether or not mounted in their enclosures:			
8518 21	– – Single loudspeakers, mounted in their enclosures:			
8518 21 10	– – – For use in civil aircraft (1)	18	Free	—
8518 21 90	– – – Other	18	4,5	p/st
8518 22	– – Multiple loudspeakers, mounted in the same enclosure:			
8518 22 10	– – – For use in civil aircraft (1)	18	Free	—
8518 22 90	– – – Other	18	4,5	p/st
8518 29	– – Other:			
8518 29 10	– – – For use in civil aircraft (1)	18	Free	—
	– – – Other:			
8518 29 20	– – – – Loudspeakers having a frequency range of 300 Hz to 3,4 KHz, of a diameter not exceeding 50 mm, of a kind used for telecommunications .	18	Free	p/st
8518 29 80	– – – – Other	18	3	p/st
8518 30	– Headphones, earphones and combined microphone/speaker sets:			
8518 30 10	– – For use in civil aircraft (1)	18	Free	—
	– – Other:			
8518 30 20	– – – Line telephone handsets	13	Free	—
8518 30 80	– – – Other	13	2	—
8518 40	– Audio-frequency electric amplifiers:			
8518 40 10	– – For use in civil aircraft (1)	18	Free	—
	– – Other:			
8518 40 30	– – – Telephonic and measurement amplifiers	18	3	—
	– – – Other:			
8518 40 91	– – – – With only one channel	18	4,5	p/st
8518 40 99	– – – – Other	18	4,5	p/st
8518 50	– Electric sound amplifier sets:			
8518 50 10	– – For use in civil aircraft (1)	18	Free	—
8518 50 90	– – Other	18	2	p/st
8518 90 00	– Parts	18	2	—
8519	Turntables (record-decks), record-players, cassette-players and other sound reproducing apparatus, not incorporating a sound recording device:			
8519 10 00	– Coin- or disc-operated record-players	19	6	p/st
	– Other record-players:			
8519 21 00	– – Without loudspeaker	19	2	p/st
8519 29 00	– – Other	19	2	p/st
	– Turntables (record-decks):			
8519 31 00	– – With automatic record-changing mechanism	19	2	p/st

(1) Entry under this subheading is subject to conditions laid down in the relevant Community provisions. See also Section II, paragraph B, of the preliminary provisions.

CN code	Description	Rate of duty		Supplementary unit
		autonomous (%)	conventional (%)	
1	2	3	4	5
8519 39 00	— — Other	19	2	p/st
8519 40 00	— Transcribing machines	19	5	p/st
	— Other sound reproducing apparatus:			
8519 92 00	— — Pocket-size cassette-players	19	Free	p/st
8519 93	— — Other, cassette-type:			
	— — — Of a kind used in motor vehicles:			
8519 93 31	— — — — With an analogue and digital reading system	19	9	p/st
8519 93 39	— — — — Other	19	2	p/st
	— — — Other:			
8519 93 81	— — — — With an analogue and digital reading system	19	9	p/st
8519 93 89	— — — — Other	19	2	p/st
8519 99	— — Other:			
	— — — With laser reading system:			
8519 99 12	— — — — Of a kind used in motor vehicles, of a type using discs of a diameter not exceeding 6,5 cm	19	9	p/st
8519 99 18	— — — — Other	19	9,5	p/st
8519 99 90	— — — Other	19	4,5	p/st
8520	Magnetic tape recorders and other sound recording apparatus, whether or not incorporating a sound reproducing device:			
8520 10 00	— Dictating machines not capable of operating without an external source of power	16	4	p/st
8520 20 00	— Telephone answering machines	16	Free	p/st
	— Other magnetic tape recorders incorporating sound reproducing apparatus:			
8520 32	— — Digital audio type:			
	— — — Cassette-type:			
	— — — — With built-in amplifier and one or more built-in loudspeakers:			
8520 32 11	— — — — — Capable of operating without an external source of power	16	Free	p/st
8520 32 19	— — — — Other	16	2	p/st
8520 32 30	— — — — Pocket-size recorders	16	Free	p/st
8520 32 50	— — — — Other	16	2	p/st
	— — — Other:			
8520 32 91	— — — — Using magnetic tapes on reels, allowing sound recording or reproduction either at a single speed of 19 cm per second or at several speeds if those comprise only 19 cm per second and lower speeds	16	2	p/st
8520 32 99	— — — — Other	16	7	p/st
8520 33	— — Other, cassette-type:			
	— — — With built-in amplifier and one or more built-in loudspeakers:			
8520 33 11	— — — — Capable of operating without an external source of power	16	Free	p/st
8520 33 19	— — — — Other	16	2	p/st
8520 33 30	— — — — Pocket-size recorders	16	Free	p/st

CN code	Description	Rate of duty		Supplementary unit
		autonomous (%)	conventional (%)	
1	2	3	4	5
8520 33 90	— — — Other	16	2	p/st
8520 39	— — Other:			
8520 39 10	— — — Using magnetic tapes on reels, allowing sound recording or reproduction either at a single speed of 19 cm per second or at several speeds if those comprise only 19 cm per second and lower speeds	16	2	p/st
8520 39 90	— — — Other	16	7	p/st
8520 90	— Other:			
8520 90 10	— — For use in civil aircraft ⁽¹⁾	19	Free	p/st
8520 90 90	— — Other	19	2	p/st
8521	Video recording or reproducing apparatus, whether or not incorporating a video tuner:			
8521 10	— Magnetic tape-type:			
8521 10 10	— — For use in civil aircraft ⁽¹⁾	13	Free	p/st
	— — Other:			
8521 10 30	— — — Using tape of a width not exceeding 1,3 cm and allowing recording or reproduction at a tape speed not exceeding 50 mm per second	14	14	p/st
8521 10 80	— — — Other	13	8	p/st
8521 90 00	— Other	14	14	p/st
8522	Parts and accessories suitable for use solely or principally with the apparatus of heading Nos 8519 to 8521:			
8522 10 00	— Pick-up cartridges	20	4	—
8522 90	— Other:			
8522 90 10	— — Assemblies and sub-assemblies consisting of two or more parts or pieces fastened or joined together, for apparatus falling within subheading 8520 90, for use in civil aircraft ⁽¹⁾	19	Free	—
	— — Other:			
8522 90 30	— — — Styli; diamonds, sapphires and other precious or semi-precious stones (natural, synthetic or reconstructed) for styli, whether or not mounted	13	Free	—
	— — — Other:			
	— — — — Electronic assemblies:			
8522 90 51	— — — — Of apparatus of subheading 8520 20 00	19	Free	—
8522 90 59	— — — — Other	19	4	—
8522 90 93	— — — Single cassette-deck assemblies with a total thickness not exceeding 53 mm, of a kind used in the manufacture of sound recording and reproducing apparatus	19	Free	—
8522 90 98	— — — Other	19	4	—

⁽¹⁾ Entry under this subheading is subject to conditions laid down in the relevant Community provisions. See also Section II, paragraph B, of the preliminary provisions.

CN code	Description	Rate of duty		Supplementary unit
		autonomous (%)	conventional (%)	
1	2	3	4	5
8523	Prepared unrecorded media for sound recording or similar recording of other phenomena, other than products of Chapter 37:			
	– Magnetic tapes:			
8523 11 00	– – Of a width not exceeding 4 mm	17	Free	—
8523 12 00	– – Of a width exceeding 4 mm but not exceeding 6,5 mm	17	Free	—
8523 13 00	– – Of a width exceeding 6,5 mm	17	Free	—
8523 20	– Magnetic discs:			
★ 8523 20 10	– – Rigid	17	Free	—
8523 20 90	– – Other	17	Free	—
8523 30 00	– Cards incorporating a magnetic stripe	17	3,5	—
8523 90 00	– Other	17	1	—
8524	Records, tapes and other recorded media for sound or other similarly recorded phenomena, including matrices and masters for the production of records, but excluding products of Chapter 37:			
8524 10 00	– Gramophone records	17	3,5	—
	– Discs for laser reading systems:			
8524 31 00	– – For reproducing phenomena other than sound or image	17	Free	—
8524 32 00	– – For reproducing sound only	17	3,5	—
8524 39	– – Other:			
★ 8524 39 10	– – – For reproducing representations of instructions, data, sound, and image recorded in a machine readable binary form, and capable of being manipulated or providing interactivity to a user, by means of an automatic data processing machine	17	Free	—
8524 39 90	– – – Other	17	3,5	—
★ 8524 40 00	– Magnetic tapes for reproducing phenomena other than sound or image	19	Free	—
	– Other magnetic tapes:			
8524 51 00	– – Of a width not exceeding 4 mm	19	3,5	—
8524 52 00	– – Of a width exceeding 4 mm but not exceeding 6,5 mm	19	2,6	—
8524 53 00	– – Of a width exceeding 6,5 mm	19	3,5	—
8524 60 00	– Cards incorporating a magnetic stripe	19	3,5	—
	– Other:			
★ 8524 91 00	– – For reproducing phenomena other than sound or image	19	Free	—
8524 99	– – Other:			
8524 99 10	– – – For reproducing representations of instructions, data, sound, and image recorded in a machine readable binary form, and capable of being manipulated or providing interactivity to a user, by means of an automatic data processing machine	19	Free	—
8524 99 90	– – – Other	19	3,5	—

CN code	Description	Rate of duty		Supplementary unit
		autonomous (%)	conventional (%)	
1	2	3	4	5
8525	Transmission apparatus for radio-telephony, radio-telegraphy, radio-broadcasting or television, whether or not incorporating reception apparatus or sound recording or reproducing apparatus; television cameras; still image video cameras and other video camera recorders:			
8525 10	– Transmission apparatus:			
8525 10 10	– – Radio-telegraphic or radio-telephonic apparatus, for use in civil aircraft ⁽¹⁾	18	Free	p/st
	– – Other:			
8525 10 50	– – – Radio-telegraphic or radio-telephonic apparatus	18	Free	p/st
8525 10 80	– – – Other	18	3,6	p/st
8525 20	– Transmission apparatus incorporating reception apparatus:			
8525 20 10	– – Radio-telegraphic or radio-telephonic apparatus, for use in civil aircraft ⁽¹⁾	20	Free	p/st
	– – Other:			
8525 20 91	– – – For cellular networks (mobile telephones)	20	Free	p/st
8525 20 99	– – – Other	20	Free	p/st
8525 30	– Television cameras:			
8525 30 10	– – With 3 or more camera tubes	17	3	p/st
8525 30 90	– – Other	17	4,9	p/st
8525 40	– Still image video cameras and other video camera recorders:			
	– Still image video cameras:			
8525 40 11	– – – Digital	17	Free	p/st
8525 40 19	– – – Other	17	4,9	p/st
	– Other video camera recorders:			
8525 40 91	– – – Only able to record sound and images taken by the television camera	17	4,9	p/st
8525 40 99	– – – Other	14	14	p/st
8526	Radar apparatus, radio navigational aid apparatus and radio remote control apparatus:			
8526 10	– Radar apparatus:			
8526 10 10	– – For use in civil aircraft ⁽¹⁾	16	Free	—
8526 10 90	– – Other	16	3,7	—
	– Other:			
8526 91	– Radio navigational aid apparatus:			
	– – – For use in civil aircraft ⁽¹⁾ :			
8526 91 11	– – – – Radio navigational receivers	16	Free	p/st
8526 91 19	– – – – Other	16	Free	—
8526 91 90	– – – – Other	16	3,7	—

⁽¹⁾ Entry under this subheading is subject to conditions laid down in the relevant Community provisions. See also Section II, paragraph B, of the preliminary provisions.

CN code	Description	Rate of duty		Supplementary unit
		autonomous (%)	conventional (%)	
1	2	3	4	5
8526 92	— — Radio remote control apparatus:			
8526 92 10	— — — For use in civil aircraft (1)	16	Free	—
8526 92 90	— — — Other	16	3,7	—
8527	Reception apparatus for radio-telephony, radio-telex or radio-broadcasting, whether or not combined, in the same housing, with sound recording or reproducing apparatus or a clock:			
	— Radio-broadcast receivers capable of operating without an external source of power, including apparatus capable of receiving also radio-telephony or radio-telex:			
8527 12	— — Pocket-size radio cassette-players:			
8527 12 10	— — — With an analogue and digital reading system	22	14	p/st
8527 12 90	— — — Other	22	10	p/st
8527 13	— — Other apparatus combined with sound recording or reproducing apparatus:			
8527 13 10	— — — With laser reading system	22	12	p/st
	— — — Other:			
8527 13 91	— — — — Of the cassette-type with an analogue and digital reading system	22	14	p/st
8527 13 99	— — — — Other	22	10	p/st
8527 19 00	— — Other	22	Free	p/st
	— Radio-broadcast receivers not capable of operating without an external source of power, of a kind used in motor vehicles, including apparatus capable of receiving also radio-telephony or radio-telex:			
8527 21	— — Combined with sound recording or reproducing apparatus:			
	— — — Capable of receiving and decoding digital Radio Data System signals:			
8527 21 20	— — — — With laser reading system	22	14	p/st
	— — — — Other:			
8527 21 52	— — — — — Of the cassette-type with an analogue and digital reading system	22	14	p/st
8527 21 59	— — — — — Other	22	10	p/st
	— — — Other:			
8527 21 70	— — — — With laser reading system	22	14	p/st
	— — — — Other:			
8527 21 92	— — — — — Of the cassette-type with an analogue and digital reading system	22	14	p/st
8527 21 98	— — — — — Other	22	10	p/st
8527 29 00	— — Other	22	12	p/st

(1) Entry under this subheading is subject to conditions laid down in the relevant Community provisions. See also Section II, paragraph B, of the preliminary provisions.

CN code	Description	Rate of duty		Supplementary unit
		autonomous (%)	conventional (%)	
1	2	3	4	5
	– Other radio-broadcast receivers, including apparatus capable of receiving also radio-telephony or radio-telegraphy:			
8527 31	– – Combined with sound recording or reproducing apparatus:			
	– – – With in the same housing one or more loudspeakers:			
8527 31 11	– – – – Of the cassette-type with an analogue and digital reading system	22	14	p/st
8527 31 19	– – – – Other	22	10	p/st
	– – – Other:			
8527 31 91	– – – – With laser reading system	22	12	p/st
	– – – – Other:			
8527 31 93	– – – – – Of the cassette-type with an analogue and digital reading system	22	14	p/st
8527 31 98	– – – – – Other	22	10	p/st
8527 32	– – Not combined with sound recording or reproducing apparatus but combined with a clock:			
8527 32 10	– – – Alarm clock radios	22	Free	p/st
8527 32 90	– – – Other	22	9	p/st
8527 39	– – Other:			
★ 8527 39 20	– – – Without built-in amplifier	22	9	p/st
★ 8527 39 80	– – – With built-in amplifier	22	9	p/st
8527 90	– Other apparatus:			
8527 90 10	– – For radio-telephony or radio-telegraphy, for use in civil aircraft (¹)	22	Free	p/st
	– – Other:			
8527 90 92	– – – Portable receivers for calling, alerting or paging	22	Free	p/st
8527 90 98	– – – Other	22	9,3	p/st
8528	Reception apparatus for television, whether or not incorporating radio-broadcast receivers or sound or video recording or reproducing apparatus; video monitors and video projectors:			
	– Reception apparatus for television, whether or not incorporating radio-broadcast receivers or sound or video recording or reproducing apparatus:			
8528 12	– – Colour:			
★ 8528 12 10	– – – Television projection equipment	22	14	p/st
★ 8528 12 20	– – – Apparatus incorporating a video recorder or reproducer	22	14	p/st
	– – – Other:			
	– – – – With integral tube:			
	– – – – – With a screen width/height ratio less than 1,5, with a diagonal measurement of the screen:			
8528 12 52	– – – – – Not exceeding 42 cm	22	14	p/st
8528 12 54	– – – – – Exceeding 42 cm but not exceeding 52 cm	22	14	p/st

(¹) Entry under this subheading is subject to conditions laid down in the relevant Community provisions. See also Section II, paragraph B, of the preliminary provisions.

CN code	Description	Rate of duty		Supplementary unit
		autonomous (%)	conventional (%)	
1	2	3	4	5
8528 12 56	— — — — Exceeding 52 cm but not exceeding 72 cm	22	14	p/st
8528 12 58	— — — — Exceeding 72 cm	22	14	p/st
	— — — — Other:			
	— — — — With scanning parameters not exceeding 625 lines, with a diagonal measurement of the screen:			
8528 12 62	— — — — — Not exceeding 75 cm	22	14	p/st
8528 12 66	— — — — — Exceeding 75 cm	22	14	p/st
	— — — — — With scanning parameters exceeding 625 lines:			
8528 12 72	— — — — — With a vertical resolution of less than 700 lines	22	14	p/st
8528 12 76	— — — — — With a vertical resolution of 700 lines or more	22	14	p/st
	— — — — Other:			
	— — — — With screen:			
8528 12 81	— — — — — With a screen width/height ratio less than 1,5	22	14	p/st
8528 12 89	— — — — Other	22	14	p/st
	— — — — Without screen:			
	— — — — Video tuners:			
8528 12 90	— — — — — Electronic assemblies for incorporation into automatic data processing machines	22	Free	p/st
	— — — — — Other:			
8528 12 93	— — — — — Digital (including mixed digital and analogue)	22	14	p/st
8528 12 95	— — — — — Other	22	14	p/st
8528 12 98	— — — — — Other	22	14	p/st
8528 13 00	— — Black and white or other monochrome	22	2	p/st
	— Video monitors:			
8528 21	— — Colour:			
	— — — With cathode-ray tube:			
8528 21 14	— — — — With a screen width/height ratio less than 1,5	22	14	p/st
	— — — — Other:			
8528 21 16	— — — — — With scanning parameters not exceeding 625 lines	22	14	p/st
8528 21 18	— — — — — With scanning parameters exceeding 625 lines	22	14	p/st
8528 21 90	— — — Other	22	14	p/st
8528 22 00	— — Black and white or other monochrome	22	14	p/st
	— Video projectors:			
8528 30 05	— — Operating by means of flat panel display (for example, a liquid crystal device), capable of displaying digital information generated by an automatic data processing machine	22	Free	p/st
	— — Other:			
8528 30 20	— — — Colour	22	14	p/st

CN code	Description	Rate of duty		Supplementary unit
		autonomous (%)	conventional (%)	
1	2	3	4	5
8528 30 90	— — — Black and white or other monochrome	22	2	p/st
8529	Parts suitable for use solely or principally with the apparatus of heading Nos 8525 to 8528:			
8529 10	— Aerials and aerial reflectors of all kinds; parts suitable for use therewith:			
8529 10 10	— — For use in civil aircraft ⁽¹⁾	22	Free	—
	— — Other:			
	— — — Aerials:			
8529 10 15	— — — — Aerials for radio-telegraphic or radio-telephonic apparatus	22	Free	—
8529 10 20	— — — — Telescopic and whip-type aerials for portable apparatus or for apparatus for fitting in motor vehicles	22	5	—
	— — — — Outside aerials for radio or television broadcast receivers:			
8529 10 31	— — — — — For reception via satellite	22	3,6	—
8529 10 39	— — — — — Other	22	3,6	—
8529 10 40	— — — — Inside aerials for radio or television broadcast receivers, including built-in types	22	4	—
8529 10 45	— — — — Other	22	3,6	—
8529 10 70	— — — Aerial filters and separators	22	3,6	—
8529 10 90	— — — Other	22	3,6	—
8529 90	— Other:			
8529 90 10	— — Assemblies and sub-assemblies consisting of two or more parts or pieces fastened or joined together, for apparatus falling within subheadings 8526 10 10, 8526 91 11, 8526 91 19 and 8526 92 10, for use in civil aircraft ⁽¹⁾	22	Free	—
	— — Other:			
8529 90 40	— — — Parts of apparatus falling within subheadings 8525 10 50, 8525 20 91, 8525 20 99, 8525 40 11 and 8527 90 92	22	Free	—
	— — — Other:			
	— — — — Cabinets and cases:			
8529 90 51	— — — — — Of wood	16	2	—
8529 90 59	— — — — — Of other materials	20	3	—
8529 90 72	— — — — Electronic assemblies	22	3	—
	— — — — Other:			
8529 90 81	— — — — — For television cameras of subheading 8525 30 and apparatus of heading Nos 8527 and 8528	22	5	—
8529 90 88	— — — — Other	22	3	—
8530	Electrical signalling, safety or traffic control equipment for railways, tramways, roads, inland waterways parking facilities, port installations or airfields (other than those of heading No 8608):			
8530 10 00	— Equipment for railways or tramways	15	1,7	—

⁽¹⁾ Entry under this subheading is subject to conditions laid down in the relevant Community provisions. See also Section II, paragraph B, of the preliminary provisions.

CN code	Description	Rate of duty		Supplementary unit
		autonomous (%)	conventional (%)	
1	2	3	4	5
8530 80 00	– Other equipment	15	1,7	—
8530 90 00	– Parts	15	1,7	—
8531	Electric sound or visual signalling apparatus (for example, bells, sirens, indicator panels, burglar or fire alarms), other than those of heading No 8512 or 8530:			
8531 10	– Burglar or fire alarms and similar apparatus:			
8531 10 10	– – For use in civil aircraft ⁽¹⁾	15	Free	—
	– – Other:			
8531 10 20	– – – Of a kind used for motor vehicles	15	2,2	p/st
8531 10 30	– – – Of a kind used for buildings	15	2,2	p/st
8531 10 80	– – – Other	15	2,2	p/st
8531 20	– Indicator panels incorporating liquid crystal devices (LCD) or light emitting diodes (LED):			
8531 20 10	– – For use in civil aircraft ⁽¹⁾	15	Free	—
	– – Other:			
8531 20 30	– – – Incorporating light emitting diodes (LED)	15	Free	—
	– – – Incorporating liquid crystal devices (LCD):			
8531 20 50	– – – – Incorporating active matrix liquid crystal devices (LCD)	15	Free	—
8531 20 80	– – – – Other	15	Free	—
8531 80	– Other apparatus:			
8531 80 10	– – For use in civil aircraft ⁽¹⁾	15	Free	—
	– – Other:			
8531 80 30	– – – Flat panel display devices	15	Free	—
8531 80 80	– – – Other	15	2,2	—
8531 90	– Parts:			
8531 90 20	– – Of apparatus of subheadings 8531 20 and 8531 80 30	15	Free	—
8531 90 80	– – Other	15	2,2	—
8532	Electrical capacitors, fixed, variable or adjustable (pre-set):			
8532 10 00	– Fixed capacitors designed for use in 50/60 Hz circuits and having a reactive power handling capacity of not less than 0,5 kvar (power capacitors)	17	Free	—
	– Other fixed capacitors:			
8532 21 00	– – Tantalum	17	Free	—
8532 22 00	– – Aluminium electrolytic	17	Free	—
8532 23 00	– – Ceramic dielectric, single layer	17	Free	—
8532 24 00	– – Ceramic dielectric, multilayer	17	Free	—

⁽¹⁾ Entry under this subheading is subject to conditions laid down in the relevant Community provisions. See also Section II, paragraph B, of the preliminary provisions.

CN code	Description	Rate of duty		Supplementary unit
		autonomous (%)	conventional (%)	
1	2	3	4	5
8532 25 00	– – Dielectric of paper or plastics	17	Free	—
8532 29 00	– – Other	17	Free	—
8532 30 00	– Variable or adjustable (pre-set) capacitors	17	Free	—
8532 90 00	– Parts	17	Free	—
8533	Electrical resistors (including rheostats and potentiometers), other than heating resistors:			
8533 10 00	– Fixed carbon resistors, composition or film types	16	Free	—
	– Other fixed resistors:			
8533 21 00	– – For a power handling capacity not exceeding 20 W	16	Free	—
8533 29 00	– – Other	16	Free	—
	– Wirewound variable resistors, including rheostats and potentiometers:			
8533 31 00	– – For a power handling capacity not exceeding 20 W	16	Free	—
8533 39 00	– – Other	16	Free	—
8533 40	– Other variable resistors, including rheostats and potentiometers:			
8533 40 10	– – For a power handling capacity not exceeding 20 W	16	Free	—
8533 40 90	– – Other	16	Free	—
8533 90 00	– Parts	16	Free	—
8534 00	Printed circuits:			
	– Consisting only of conductor elements and contacts:			
8534 00 11	– – Multilayer circuits	15	Free	—
8534 00 19	– – Other	15	Free	—
8534 00 90	– With other passive elements	15	Free	—
8535	Electrical apparatus for switching or protecting electrical circuits, or for making connections to or in electrical circuits (for example, switches, fuses, lightning arresters, voltage limiters, surge suppressors, plugs, junction boxes), for a voltage exceeding 1 000 V:			
8535 10 00	– Fuses	16	2,7	—
	– Automatic circuit breakers:			
8535 21 00	– – For a voltage of less than 72,5 kV	16	2,7	—
8535 29 00	– – Other	16	2,7	—
8535 30	– Isolating switches and make-and-break switches:			
8535 30 10	– – For a voltage of less than 72,5 kV	16	2,7	—
8535 30 90	– – Other	16	2,7	—
8535 40 00	– Lightning arresters, voltage limiters and surge suppressors	16	2,7	—
8535 90 00	– Other	16	2,7	—

CN code	Description	Rate of duty		Supplementary unit
		autonomous (%)	conventional (%)	
1	2	3	4	5
8536	Electrical apparatus for switching or protecting electrical circuits, or for making connections to or in electrical circuits (for example, switches, relays, fuses, surge suppressors, plugs, sockets, lamp-holders, junction boxes), for a voltage not exceeding 1 000 V:			
8536 10	– Fuses:			
8536 10 10	– – For a current not exceeding 10 A	16	2,3	—
8536 10 50	– – For a current exceeding 10 A but not exceeding 63 A	16	2,3	—
8536 10 90	– – For a current exceeding 63 A	16	2,3	—
8536 20	– Automatic circuit breakers:			
8536 20 10	– – For a current not exceeding 63 A	16	2,3	—
8536 20 90	– – For a current exceeding 63 A	16	2,3	—
8536 30	– Other apparatus for protecting electrical circuits:			
8536 30 10	– – For a current not exceeding 16 A	16	2,3	—
8536 30 30	– – For a current exceeding 16 A but not exceeding 125 A	16	2,3	—
8536 30 90	– – For a current exceeding 125 A	16	2,3	—
	– Relays:			
8536 41	– – For a voltage not exceeding 60 V:			
8536 41 10	– – – For a current not exceeding 2 A	16	2,3	—
8536 41 90	– – – For a current exceeding 2 A	16	2,3	—
8536 49 00	– – Other	16	2,3	—
8536 50	– Other switches:			
8536 50 03	– – Electronic AC switches consisting of optically coupled input and output circuits (insulated thyristor AC switches)	16	Free	—
8536 50 05	– – Electronic switches, including temperature protected electronic switches, consisting of a transistor and a logic chip (chip-on-chip technology)	16	Free	—
8536 50 07	– – Electromechanical snap-action switches for a current not exceeding 11 A	16	Free	—
	– – Other:			
	– – – For a voltage not exceeding 60 V:			
8536 50 11	– – – – Push-button switches	16	2,3	—
8536 50 15	– – – – Rotary switches	16	2,3	—
8536 50 19	– – – – Other	16	2,3	—
8536 50 80	– – – Other	16	2,3	—
	– Lamp-holders, plugs and sockets:			
8536 61	– – Lamp-holders:			
8536 61 10	– – – Edison lamp-holders	16	2,3	—
8536 61 90	– – – Other	16	2,3	—
8536 69	– – Other:			
8536 69 10	– – – For co-axial cables	16	Free	—
8536 69 30	– – – For printed circuits	16	Free	—

CN code	Description	Rate of duty		Supplementary unit
		autonomous (%)	conventional (%)	
1	2	3	4	5
8536 69 90	— — Other	16	2,3	—
8536 90	— Other apparatus:			
8536 90 01	— — Prefabricated elements for electrical circuits	16	2,3	—
8536 90 10	— — Connections and contact elements for wire and cables	16	Free	—
8536 90 20	— — Wafer probers	16	Free	—
8536 90 85	— — Other	16	2,3	—
8537	Boards, panels, consoles, desks, cabinets and other bases, equipped with two or more apparatus of heading No 8535 or 8536, for electric control or the distribution of electricity, including those incorporating instruments or apparatus of Chapter 90, and numerical control apparatus, other than switching apparatus of heading No 8517:			
8537 10	— For a voltage not exceeding 1 000 V:			
8537 10 10	— — Numerical control panels with built-in automatic data-processing machine	14	2,1	—
	— — Other:			
8537 10 91	— — — Programmable memory controllers	14	2,1	—
8537 10 99	— — — Other	14	2,1	—
8537 20	— For a voltage exceeding 1 000 V:			
8537 20 91	— — For a voltage exceeding 1 000 V but not exceeding 72,5 kV	14	2,1	—
8537 20 99	— — For a voltage exceeding 72,5 kV	14	2,1	—
8538	Parts suitable for use solely or principally with the apparatus of heading No 8535, 8536 or 8537:			
8538 10 00	— Boards, panels, consoles, desks, cabinets and other bases for the goods of heading No 8537, not equipped with their apparatus	14	2,2	—
8538 90	— Other:			
	— — For wafer probers of subheading 8536 90 20:			
8538 90 11	— — — Electronic assemblies	16 (¹)	3,2	—
8538 90 19	— — — Other	16 (¹)	1,7	—
	— — Other:			
8538 90 91	— — — Electronic assemblies	16	3,2	—
8538 90 99	— — — Other	16	1,7	—
8539	Electric filament or discharge lamps, including sealed-beam lamp units and ultraviolet or infra-red lamps; arc-lamps:			
8539 10	— Sealed beam lamp units:			
8539 10 10	— — For use in civil aircraft (²)	15	Free	p/st
8539 10 90	— — Other	15	2,7	p/st

(¹) Autonomous suspension for an indefinite period.

(²) Entry under this subheading is subject to conditions laid down in the relevant Community provisions. See also Section II, paragraph B, of the preliminary provisions.

CN code	Description	Rate of duty		Supplementary unit
		autonomous (%)	conventional (%)	
1	2	3	4	5
	– Other filament lamps, excluding ultraviolet or infra-red lamps:			
8539 21	– – Tungsten halogen:			
8539 21 30	– – – Of a kind used for motor-cycles or other motor vehicles	15	2,7	p/st
	– – – Other, for a voltage:			
8539 21 92	– – – – Exceeding 100 V	15	2,7	p/st
8539 21 98	– – – – Not exceeding 100 V	15	2,7	p/st
8539 22	– – Other, of a power not exceeding 200 W and for a voltage exceeding 100 V:			
8539 22 10	– – – Reflector lamps	15	2,7	p/st
8539 22 90	– – – Other	15	2,7	p/st
8539 29	– – Other:			
8539 29 30	– – – Of a kind used for motor-cycles or other motor vehicles	15	2,7	p/st
	– – – Other, for a voltage:			
8539 29 92	– – – – Exceeding 100 V	15	2,7	p/st
8539 29 98	– – – – Not exceeding 100 V	15	2,7	p/st
	– Discharge lamps, other than ultraviolet lamps:			
8539 31	– – Fluorescent, hot cathode:			
8539 31 10	– – – With double ended cap	18	2,7	p/st
8539 31 90	– – – Other	18	2,7	p/st
8539 32	– – Mercury or sodium vapour lamps; metal halide lamps:			
8539 32 10	– – – Mercury vapour lamps	18	2,7	p/st
8539 32 50	– – – Sodium vapour lamps	18	2,7	p/st
8539 32 90	– – – Metal halide lamps	18	2,7	p/st
8539 39 00	– – Other	18	2,7	p/st
	– Ultra-violet or infra-red lamps; arc-lamps:			
8539 41 00	– – Arc-lamps	18	2,7	p/st
8539 49	– – Other:			
8539 49 10	– – – Ultra-violet lamps	18	2,7	p/st
8539 49 30	– – – Infra-red lamps	18	2,7	p/st
8539 90	– Parts:			
8539 90 10	– – Lamp bases	15	2,7	—
8539 90 90	– – Other	15	2,7	—

CN code	Description	Rate of duty		Supplementary unit
		autonomous (%)	conventional (%)	
1	2	3	4	5
8540	Thermionic, cold cathode or photocathode valves and tubes (for example, vacuum or vapour or gas filled valves and tubes, mercury arc rectifying valves and tubes, cathode-ray tubes, television camera tubes):			
	– Cathode-ray television picture tubes, including video monitor cathode-ray tubes:			
8540 11	– – Colour:			
	– – – With a screen width/height ratio less than 1,5, with a diagonal measurement of the screen:			
8540 11 11	– – – – Not exceeding 42 cm	19	14	p/st
8540 11 13	– – – – Exceeding 42 cm but not exceeding 52 cm	19	14	p/st
8540 11 15	– – – – Exceeding 52 cm but not exceeding 72 cm	19	14	p/st
8540 11 19	– – – – Exceeding 72 cm	19	14	p/st
	– – – Other, with a diagonal measurement of the screen:			
★ 8540 11 91	– – – – Not exceeding 75 cm	19	14	p/st
★ 8540 11 99	– – – – Exceeding 75 cm	19	14	p/st
8540 12 00	– – Black and white or other monochrome	19	7,5	p/st
8540 20	– Television camera tubes; image converters and intensifiers; other photocathode tubes:			
8540 20 10	– – Television camera tubes	17	2,7	p/st
8540 20 80	– – Other	17	2,7	p/st
8540 40 00	– Data/graphic display tubes, colour, with a phosphor dot screen pitch smaller than 0,4 mm	19	2,6	p/st
8540 50 00	– Data/graphic display tubes, black and white or other monochrome	19	2,6	p/st
8540 60 00	– Other cathode-ray tubes	19	2,6	p/st
	– Microwave tubes (for example, magnetrons, klystrons, travelling wave tubes, carcinotrons), excluding grid-controlled tubes:			
8540 71 00	– – Magnetrons	19	2,7	p/st
8540 72 00	– – Klystrons	19	2,7	p/st
8540 79 00	– – Other	19	2,7	p/st
	– Other valves and tubes:			
8540 81 00	– – Receiver or amplifier valves and tubes	19	2,7	p/st
8540 89 00	– – Other	19	2,7	p/st
	– Parts:			
8540 91 00	– – Of cathode-ray tubes	15	2,7	—
8540 99 00	– – Other	15	2,7	—

CN code	Description	Rate of duty		Supplementary unit
		autonomous (%)	conventional (%)	
1	2	3	4	5
8541	Diodes, transistors and similar semiconductor devices; photosensitive semiconductor devices, including photovoltaic cells whether or not assembled in modules or made up into panels; light-emitting diodes; mounted piezo-electric crystals:			
8541 10 00	– Diodes, other than photosensitive or light-emitting diodes	21	Free	—
	– Transistors, other than photosensitive transistors:			
8541 21 00	– – With a dissipation rate of less than 1 W	21	Free	—
8541 29 00	– – Other	21	Free	—
8541 30 00	– Thyristors, diacs and triacs, other than photosensitive devices	21	Free	—
8541 40	– Photosensitive semiconductor devices, including photovoltaic cells whether or not assembled in modules or made up into panels; light-emitting diodes:			
8541 40 10	– – Light-emitting diodes, including laser diodes	21	Free	—
8541 40 90	– – Other	16	Free	—
8541 50 00	– Other semiconductor devices	21	Free	—
8541 60 00	– Mounted piezo-electric crystals	20	Free	—
8541 90 00	– Parts	15	Free	—
8542	Electronic integrated circuits and microassemblies:			
	– Monolithic digital integrated circuits:			
8542 12 00	– – Cards incorporating an electronic integrated circuit ('smart' cards)	21	Free	—
8542 13	– – Metal oxide semiconductors (MOS technology):			
8542 13 01	– – – Wafers not yet cut into chips	21	Free	—
8542 13 05	– – – Chips	21	Free	—
	– – – Other:			
	– – – – Memories:			
	– – – – – Dynamic random-access memories (D-RAMs):			
8542 13 11	– – – – – With a storage capacity not exceeding 4 Mbits	21	Free	p/st
8542 13 13	– – – – – With a storage capacity exceeding 4 Mbits but not exceeding 16 Mbits	21	Free	p/st
8542 13 15	– – – – – With a storage capacity exceeding 16 Mbits but not exceeding 64 Mbits	21	Free	p/st
8542 13 17	– – – – – With a storage capacity exceeding 64 Mbits	21	Free	p/st
8542 13 20	– – – – – Static random-access memories (S-RAMs), including cache random-access memories (cache-RAMs)	21	Free	p/st
8542 13 30	– – – – – UV erasable, programmable, read only memories (EPROMs)	21	Free	p/st
	– – – – – Electrically erasable, programmable, read only memories (E ² PROMs), including FLASH E ² PROMs:			
	– – – – – – FLASH E ² PROMs:			
8542 13 42	– – – – – – With a storage capacity not exceeding 4 Mbits	21	Free	p/st

CN code	Description	Rate of duty		Supplementary unit
		autonomous (%)	conventional (%)	
1	2	3	4	5
8542 13 45	- - - - - With a storage capacity exceeding 4 Mbits but not exceeding 16 Mbits	21	Free	p/st
8542 13 46	- - - - - With a storage capacity exceeding 16 Mbits but not exceeding 32 Mbits	21	Free	p/st
8542 13 48	- - - - - With a storage capacity exceeding 32 Mbits	21	Free	p/st
8542 13 49	- - - - - Other	21	Free	p/st
8542 13 54	- - - - - Other memories	21	Free	—
8542 13 55	- - - - Microprocessors	21	Free	p/st
8542 13 60	- - - - Microcontrollers and microcomputers	21	Free	p/st
	- - - - Other:			
8542 13 70	- - - - Microperipherals	21	Free	—
8542 13 80	- - - - Other	21	Free	—
8542 14	- - Circuits obtained by bipolar technology:			
8542 14 01	- - - Wafers not yet cut into chips	21	Free	—
8542 14 05	- - - Chips	21	Free	—
	- - - Other:			
8542 14 11	- - - - Memories	21	Free	—
8542 14 30	- - - - Microprocessors	21	Free	—
8542 14 40	- - - - Microcontrollers and microcomputers	21	Free	—
	- - - - Other:			
8542 14 50	- - - - Microperipherals	21	Free	—
8542 14 90	- - - - Other	21	Free	—
8542 19	- - Other, including circuits obtained by a combination of bipolar and MOS technologies (BIMOS technology):			
8542 19 01	- - - Wafers not yet cut into chips	21	Free	—
8542 19 05	- - - Chips	21	Free	—
	- - - Other:			
8542 19 40	- - - - Memories	21	Free	p/st
8542 19 55	- - - - Microprocessors	21	Free	p/st
8542 19 66	- - - - Microcontrollers and microcomputers	21	Free	p/st
	- - - - Other:			
8542 19 71	- - - - Microperipherals	21	Free	—
8542 19 85	- - - - Other	21	Free	—
8542 30	- Other monolithic integrated circuits:			
8542 30 10	- - Wafers not yet cut into chips	21	Free	—
8542 30 20	- - Chips	21	Free	—
	- - Other:			
8542 30 30	- - - Amplifiers	21	Free	—
8542 30 50	- - - Voltage and current regulators	21	Free	—
8542 30 60	- - - Control circuits	21	Free	—

CN code	Description	Rate of duty		Supplementary unit
		autonomous (%)	conventional (%)	
1	2	3	4	5
8542 30 70	— — — Interface circuits; interface circuits capable of performing control functions	21	Free	—
8542 30 90	— — — Other	21	Free	—
8542 40 00	— Hybrid integrated circuits	21	Free	—
8542 50 00	— Electronic microassemblies	21	Free	—
8542 90 00	— Parts	15	Free	—
8543	Electrical machines and apparatus, having individual functions, not specified or included elsewhere in this chapter:			
	— Particle accelerators:			
8543 11 00	— — Ion implanters for doping semiconductor materials	13	Free	—
8543 19 00	— — Other	13	4	—
8543 20 00	— Signal generators	13	3,7	—
8543 30	— Machines and apparatus for electroplating, electrolysis or electrophoresis:			
★ 8543 30 20	— — Apparatus for wet etching, developing, stripping or cleaning semiconductor wafers or flat panel display substrates	13	Free	—
8543 30 80	— — Other	13	3,7	—
8543 40 00	— Electric fence energisers	13	3,7	—
	— Other machines and apparatus:			
8543 81 00	— — Proximity cards and tags	13	Free	—
8543 89	— — Other:			
8543 89 10	— — — Flight recorders, for use in civil aircraft (1)	13	Free	—
	— — — Other:			
8543 89 15	— — — — Electrical machines with translation or dictionary functions	13	Free	—
8543 89 20	— — — — Aerial amplifiers	13	3,7	—
	— — — — Sunbeds, sunlamps and similar suntanning equipment:			
	— — — — — For fluorescent tubes using ultraviolet A rays:			
8543 89 51	— — — — — With a maximum tube length of 100 cm	13	3,7	p/st
8543 89 55	— — — — — Other	13	3,7	p/st
8543 89 59	— — — — — Other	13	3,7	p/st
★ 8543 89 65	— — — — Apparatus for physical deposition on semiconductor wafers	13	Free	—
8543 89 73	— — — — Encapsulation equipment for assembly of semiconductor devices	13	Free	—
8543 89 75	— — — — Apparatus for physical deposition by sputtering on LCD substrates	13 (2)	3,7	—

(1) Entry under this subheading is subject to conditions laid down in the relevant Community provisions. See also Section II, paragraph B, of the preliminary provisions.

(2) Autonomous suspension for an indefinite period.

CN code	Description	Rate of duty		Supplementary unit
		autonomous (%)	conventional (%)	
1	2	3	4	5
8543 89 79	— — — Apparatus enabling automatic data processing machines and units thereof to process audio signals (sound cards); upgrade kits, for automatic data processing machines and units thereof, put up for retail sale, consisting of, at least, speakers and/or microphone, and an electronic assembly that enables the automatic data processing machine and units thereof to process audio signals (sound cards)	13	Free	—
8543 89 95	— — — Other	13	3,7	—
8543 90	— Parts:			
8543 90 10	— — Assemblies and sub-assemblies consisting of two or more parts or pieces fastened or joined together, for flight recorders, for use in civil aircraft ⁽¹⁾ . . .	13	Free	—
8543 90 20	— — Electronic assemblies for incorporation into automatic data processing machines	13	Free	—
8543 90 30	— — Of apparatus of subheadings 8543 11 00, 8543 30 20, 8543 89 65 or 8543 89 73	13	Free	—
8543 90 40	— — Of apparatus of subheading 8543 89 75	13 ⁽²⁾	3,7	—
8543 90 80	— — Other	13	3,7	—
8544	Insulated (including enamelled or anodised) wire, cable (including coaxial cable) and other insulated electric conductors, whether or not fitted with connectors; optical fibre cables, made up of individually sheathed fibres, whether or not assembled with electric conductors or fitted with connectors:			
	— Winding wire:			
8544 11	— — Of copper:			
8544 11 10	— — — Lacquered or enamelled	17	3,7	—
8544 11 90	— — — Other	17	3,7	—
8544 19	— — Other:			
8544 19 10	— — — Lacquered or enamelled	17	3,7	—
8544 19 90	— — — Other	17	3,7	—
8544 20 00	— Coaxial cable and other coaxial electric conductors	17	3,7	—
8544 30	Ignition wiring sets and other wiring sets of a kind used in vehicles, aircraft or ships:			
8544 30 10	— — For use in civil aircraft ⁽¹⁾	17	Free	—
8544 30 90	— — Other	17	3,7	—
	— Other electric conductors, for a voltage not exceeding 80 V:			
8544 41	— — Fitted with connectors:			
8544 41 10	— — — Of a kind used for telecommunications	17	Free	—
8544 41 90	— — — Other	17	3,3	—
8544 49	— — Other:			
8544 49 20	— — — Of a kind used for telecommunications	17	Free	—

⁽¹⁾ Entry under this subheading is subject to conditions laid down in the relevant Community provisions. See also Section II, paragraph B, of the preliminary provisions.

⁽²⁾ Autonomous suspension for an indefinite period.

CN code	Description	Rate of duty		Supplementary unit
		autonomous (%)	conventional (%)	
1	2	3	4	5
8544 49 80	— — Other	17	3,7	—
	— Other electric conductors, for a voltage exceeding 80 V but not exceeding 1 000 V:			
8544 51	— — Fitted with connectors:			
8544 51 10	— — — Of a kind used for telecommunications	17	Free	—
8544 51 90	— — — Other	17	3,3	—
8544 59	— — Other:			
8544 59 10	— — — Wire and cables, with individual conductor wires of a diameter exceeding 0,51 mm	17	3,7	—
	— — — Other:			
8544 59 20	— — — — For a voltage of 1 000 V	17	3,7	—
8544 59 80	— — — — For a voltage exceeding 80 V but less than 1 000 V	17	3,7	—
8544 60	— Other electric conductors, for a voltage exceeding 1 000 V:			
8544 60 10	— — With copper conductors	17	3,7	—
8544 60 90	— — With other conductors	17	3,7	—
8544 70 00	— Optical fibre cables	17	Free	—
8545	Carbon electrodes, carbon brushes, lamp carbons, battery carbons and other articles of graphite or other carbon, with or without metal, of a kind used for electrical purposes:			
	— Electrodes:			
8545 11 00	— — Of a kind used for furnaces	12	2,7	—
8545 19	— — Other:			
8545 19 10	— — — Electrodes for electrolysis installations	9	2,7	—
8545 19 90	— — — Other	12	2,7	—
8545 20 00	— Brushes	12	2,7	—
8545 90	— Other:			
8545 90 10	— — Heating resistors	14	1,7	—
8545 90 90	— — Other	12	2,7	—
8546	Electrical insulators of any material:			
8546 10 00	— Of glass	19	3,7	—
8546 20	— Of ceramics:			
8546 20 10	— — With no metal parts	19	4,7	—
	— — With metal parts:			
8546 20 91	— — — For overhead power transmission or traction lines	19	4,7	—
8546 20 99	— — — Other	19	4,7	—
8546 90	— Other:			
8546 90 10	— — Of plastics	19	3,7	—
8546 90 90	— — Other	19	3,7	—

CN code	Description	Rate of duty		Supplementary unit
		autonomous (%)	conventional (%)	
1	2	3	4	5
8547	Insulating fittings for electrical machines, appliances or equipment, being fittings wholly of insulating material apart from any <i>minor</i> components of metal (for example, threaded sockets) incorporated during moulding solely for purposes of assembly, other than insulators of heading No 8546; electrical conduit tubing and joints therefor, of base metal lined with insulating material:			
8547 10	– Insulating fittings of ceramics:			
8547 10 10	– – Containing 80 % or more by weight of metallic oxides	17	4,7	—
8547 10 90	– – Other	17	4,7	—
8547 20 00	– Insulating fittings of plastics	19	3,7	—
8547 90 00	– Other	16	3,7	—
8548	Waste and scrap of primary cells, primary batteries and electric accumulators; spent primary cells, spent primary batteries and spent electric accumulators; electrical parts of machinery or apparatus, not specified or included elsewhere in this chapter:			
8548 10	– Waste and scrap of primary cells, primary batteries and electric accumulators; spent primary cells, spent primary batteries and spent electric accumulators:			
8548 10 10	– – Spent primary cells, spent primary batteries	20	4,7	p/st
	– – Spent electric accumulators:			
8548 10 21	– – – Lead-acid accumulators	17	2,6	ce/el
8548 10 29	– – – Other	17	2,6	ce/el
	– – Waste and scrap of primary cells, primary batteries and electric accumulators:			
8548 10 91	– – – Containing lead	14	Free	—
8548 10 99	– – – Other	14	Free	—
8548 90	– Other:			
8548 90 10	– – Memories in multicombinational forms such as stack D-RAMs and modules	14	Free	—
8548 90 90	– – Other	14	2,7	—